

(DC-2200)

LAW AND LEGALITY, BY VUT'IO TS. PETKOV, 17 PP.

BULGARIAN, PER, FILOSOFSKA MISUL, NO 2,  
MAR/APR 1962, PP 18-31.

JPRS 14749

EEUR - BULGARIA

POL ,  
AUG 62

205,975

Direct Irritability of Rabbit Myocardium in  
an Insulin Hypoglycemic Coma, by I. J. Rakic,  
D. Petkovic, 8 pp.

SERBO-CROATIAN, per, Arhiv Bioloskih Nauka,  
Vol XIV, No 3-4, 1962, pp 135-141.

OMS 62-11759/3-4  
PL-480

Sci  
Jul 64

263,143

THE FLOODS OF THE GREAT MORAVA IN FEBRUARY 1963,  
BY DUBAN PETROVIC, 16 PP.

DEMOCRATIZATION, FEB, 1963, VOL XVII, NO 2,  
1963, PP 45-49.

JPRS 19173

EDUCATION IN  
YUGOSLAVIA  
MAY 63

231,085

Collection (this) on Training of the  
Strike Force, by Lester Pecheris, 14 pp.  
1964, Jan, 12/20/64, No 3, 1964,  
12-20-64.  
REF ID: A7

19

CONFIDENTIAL

11

10-11-61

200. 1st.

Determination of  $\text{CO}_2$ ,  $\text{H}_2$  and  $\text{O}_2$  in Aqueous  
Solutions by Gas Chromatography, by Lj. V. Petkovic,  
M. M. Kosanic, 6 pp.

SERBO-CROATIAN, per, Bilten Instituta za  
Nuklearne Nauke "Boris Kidric", Vol XV, No 1,  
1964, pp 9-14.

AEC-Tr-6227/1  
~~SECRET~~  
PL-480

Sci  
Jul 64

263,096

Amendments to Housing Regulations, by  
Svet. Petkovic.

RUSSIAN, per, Narodni HSM Odbor, No 4, 1962,  
pp 196-198.

FDD Sum 3665

Ref - Yugoslavia  
Recd  
Jun 62

200,938

(DC-3000/63)

Several Organizational Problems of the Worker's  
Employment Service, by Vladimir Petrovic, 4 pp.

SHIBIR, Serb. Socijalna i Zdravstvena Politika,  
No 3/4, 1961, pp 19-22.

JPRS 8808

Edu - Yugoslavia

Soc

Sep 61

166, 886

Morphological, Taxonomical and Typological Problems  
Concerning *Echinocephala lobata* (Michaux) Torrey and  
Gray, by V. Potapovsk, 38 pp.

Slavonian, bk, *Slavonian Akademika Kuznetsov* in  
Ukrainian, 1958.

OTB 61-11202  
PL-480

248, 713

Sci. Biol. & Med. Sci.  
Jan. 64



76  
 A Voltage to Code and Code to Voltage Electronic  
 Converter for IBM-4 High-Speed Computers, by  
 E. P. Zinchenko and I. Yu. Petkavichus 16 pp.  
 ELEKTR, 1962, *Elektronika Vychislitel'nykh  
 Mashin*, 1962, *Prilozheniya* Konferentsii-  
 Sbornik, 10, 1962, 1. Moscow: *Intenatsionalnoye  
 Izdatel'stvo*, 1962. 720000107-1.  
 PET-41-01-314

301 - ~~100-100~~  
 100-100

I. Yu. Petkavichus  
 Elect

120,000

Against a One-Sided View of Structure in Pathology,  
by V. Perlenko, 5 pp.  
RUSSIAN, per, Medit Gazeta, 11 Sep 1964, p 3.  
JPRS 28160

Sci-B/M  
Feb 65

273,088

Agnes & Oswald's View of Structure in Pathology.  
by J. P. ...  
BOSTON, MA: ... 11 Sep 1964, p 2.  
SPR 1964

p 19

241-1/M  
Feb 65

273,068

(NY-1374/41)

The Philosophical Legacy of V. I. Lenin  
A Weapon in the Fight Against Idealism  
in Modern Physiology and Medicine, by  
I. T. Kurtsin, V. P. Petlenko

RUSSIAN, no per, Voenno Med Zhurn. No 4,  
Moscow, Apr 1961, pp 10-15

US JPRS: 9786

162516

Frederick Engels and Philosophical Problems  
of Biology and Medicine, by N. S. Bobrov,  
I. G. Zeroshkin, V. P. Petlenko

RUSSIAN, no per, Voenno Med Zhur, No 12,  
Moscow, Dec 1960, pp 11-16

US JPRS 7995

Sci  
Mar 61

143,541

(DC-4406)

On Push-pull Ferrotransistor Circuits With  
Aperiodic Reading, by M. L. Fetlin, L. M.  
Shekhtman, 9 pp.

RUSSIAN, in, Problemy Kibernetiki, No 3, 1960,  
pp 89-94.

JPRS 6670

Sci - Math

Feb 61

140,056

(NY-6793)

Railroad Sand Protection in Desert and Semi-desert Areas, by M. P. Petlov, 14 pp.

CHINESE, monograph, Sha-mo Ti-ch'u  
Ch'u-lu Ching-yen, Feb 1961, pp -154.

JPRS 11770

Asia - China  
Econ  
Jan 62

178,124

Air Navigation of Single-Seater Aircraft, by N. A.  
Kosov, G. I. Tsyupko, V. I. Petlyuk, 341 pp.  
(AF 1051725)

RUSSIAN, bk, Vozhdeniye Odnomestnogo Samoleta,  
Moscow, 1956, 248 pp. CIA 613364-V

AFIC F-TS-9337/V

Sci - Aeronautics  
Jun 50

4 pages completed as AF 1075908

65, 620



Piloting of a Jet Fighter Plane by Night, by  
I. E. Pishunov; Peculiarities of Fighter Navigation  
in Night Flight, by V. Petlyuk, 9 pp.

UNCLASSIFIED

RUSSIAN, per, Vest K Voz Flota, No 9, Sep 1954,  
pp 34-37, 42-45, Encl to AFOIN-1A1-449-55,  
22 Dec 1954. CIA D 137212

22, 323

AF 646053

USSR

Military - piloting, night flights

Mar 55 CTS/DREX

Guiding a Single-Seat Airplane, by  
N. A. Nosov, G. I. Tsyunko, V. I. Petlyuk, 4 pp.

RUSSIAN, bk, Vozhdeniye Odnosestnogo Samoleta,  
1956, Encl to IR 1151-57, AFON-1A1.

AF 1076908

Sci - Aeronautics  
Apr 1957 CFB/dax

46,387

(DC-5458)

The Accomplishments and Tasks of the State Farm  
Farms in the Hungarian People's Republic, by  
Gabor Fetcshazi, 10 pp.

СЗЕМ, part, Mezinarodni Zemedelsky Casopis,  
No 5, 30 Nov 1960, pp 27-36.

JFRS 8190

REUR - Hungary

Reor

Jun 61

154,498

Electro-luminophors on a Sulphide-  
Selenide Base, by O. N. Kazankin, F. M.  
Fekerman, L. N. Petoshina, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, No 2,  
1959, pp 672-677.

Optical Society  
of America

Sci

Dec 59

103,820

Zinc Sulfide Type Electroluminophors, by A. N.  
Kazankin, P. M. Pekerman, I. N. Petoshina,  
9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol  
XXI, No 5, 1957, pp 721-730.

Columbia Tech

Sci - Phys

Aug 58

71,809

110 YEARS OF THE TATRA PLANT IN NIPRIYNICE, IV  
EDUARD PETR, 5 PP. GOVERNMENT USE ONLY

SLOVAK, PER, TECHNICAL PRACA, VOL. XIV, NO 6, 1963,  
PP 467-469.

GRD 175

EL-CZECHOSLOVAKIA

ECON

SEP 63

343.708

Stereotactic Cerebral Performances in  
Parkinsonism, Unappetizable Pain and  
Psychomotoric Epilepsy, by

Rudolf Petr, et al.

GERMAN, per, Shorn Ved Prac Lek Fak  
Karlovy Univ, No 3, 1960, pp 985-993.

NTH 7-56-65 (On Loan)

Sci/BQM

Aug 65

287,376

An Interpretation of Corrosion Processes Due to  
Cavitation, by Gerardo Petrucci, 11 pp.

RUCL

ITALIAN, per, La Metallurgia Italiana, Vol XIX,  
No 1, 1949, pp 1-6. CIA 9034605

AUSIL 966

SpA - Lin/Int  
Feb 55

79,985



NCH-201 999

Field 6C

Petrushkev, I. M.

INTERGENERIC HYBRIDS OF RASPBERRY (Mezhrodove  
Gibridy Maliny). Jul 65, 9p. RTS-2810.

Order from NLI: 7s 6d as RTS-2810

Trans. of Priroda (USSR) v47 n8 p109-11 1958.

1. National Lending Library for  
Science and Technology  
Boston Spa (England)

The Theory of the Transverse Thermal Galvanomagnetic  
Phenomenon in a Ferromagnetic, by N. P. Petrushin.

4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VII, No 4,  
1959, pp 491-494.

PP

Sci

Aug 60

123,536

(BF-1906)

Organization of Scientific-Practical Assistance to  
Public Health Organizations and Establishments by  
The Institute for the Advanced Training of Physicians,  
by N. V. Sibirskii, B. D. Petrakov, 9 pp.

RESENAN, per, Sovet Zdrevookhraneniya, Vol XIX, No 7,  
1960, pp 14-19.

JPRS 4960

492

164, 20377

611 - Mm

Sep 61

New Chemical Materials and the Development  
of Precision Metallurgy, by N. Petrakov, 6 pp.  
HUBBARD, per, Politscheskaya smochrasovaniya,  
No 10, 1965, pp. 92-95.  
JPRS 39015

N. Petrakov

USBR  
Helm  
Dec 65

292,319

The Role of Disinfection in Reducing  
the Morbidity of Dysentery and Other Acute  
Intestinal Infections, by V. D. Petrakov, et  
al. 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiolog i  
Immunobiol, Vol XXXII, No 2, 1961, pp 32-36.

PP

Sci

Jun 62

200,513

New Data on the Stratigraphy of the Cambro-  
Ordovician Deposits of the Basin of the  
Kureyka River, by V. U. Petrakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 3,  
1959, pp 651-654.

AGI

Sci

Jun 61

152, 243

New Data on the Stratigraphy of the Cambro-  
Ordovician Deposits of the Basin of the  
Kureyka River, by V. U. Petrakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3,  
1959, pp 651-654.

AGI

Sci.

Jun 61

152, 243

New Semiconductor Materials Having the Structure of  
Chalcopyrite, by V. M. Glazov, M. S. Mirgalovskaya,  
L. A. Petukhova. UNCL

RUSSIAN, per, In Ak Nauk SSSR, Otdel Tekh Nauk,  
No 10, 1957, pp 68-70.

RAE 772

Sci - Phys  
Apr 59

DSIR Leading Library Unit

M. 144

84,845



Oxidized Platinum Electrodes in Electrometric  
Analysis, by V. E. Petrakovich, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 10,  
1968, pp 1161-1168.

CB

Sci  
Aug 64

264,794

The Kinetics of the Formation of Alcohol and  
Alkyl Acid in the Reaction of Propylene and  
Aqueous Sulfuric Acid, by S. G. Entelis, V. E.  
Petrakovich, G. V. Korovina, N. M. Chirkov,  
P.D.

RUSSIAN, 200, Dok Ak Nauk SSSR, Vol CXIV, No 6,  
1957, pp 913-4.

Consultants Bureau

Sci - Chemistry  
Jul 58

62,572

Influence of Copper and Cobalt Admixtures of  
the Characteristics of Nickel Chromium Fer-  
rites, by A. S. Khlystov, G. A. Petrakovskiy,  
8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz,  
No 1, 1960, pp 222-227.

MDF K-234

Vol V, No 5  
Jul 61

160, 158

New Trends in the Manufacture of High Quality  
Ferro-Chromium and Metallic Chromium, by I. Petram.

CZECH, pap, Hutník, Vol IX, No 5, Prague, 1959,  
pp 163-166.

MSF 1949

EUR - Czechoslovakia

Econ

Dec 60

134,305

(NY-6450)

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
GENERAL PLAN OF THE PRAGUE AIRPORT,  
BY VANEK PRIMUS, KAREL PETRANEK, 11 PP.

CZECH, PER, LETECKY OBOZR, NO LO, 1961,  
PP 310-312.

JPRS 12100

EEIR - CZECHOSLOVAKIA  
ECON .  
FEB 62

180,610

The Importance of Quantitative Changes in the  
Extracellular Fluid Space in Disturbances to Water  
Balance in Experimental "Intestinal Radiation Death",  
by Z. Zsebok, G. Patzanyi, 14 pp.  
HUNGARIAN, per, Magyar Radiologia, No 1, 1964,  
pp 1-8. 9696127  
FTD-TT-64-912

Sci - Biol & Med Sci  
Mar 65

275,659

Petras, J.  
DEVELOPMENT OF A HYDROMECHANICAL TRANSPORTING SYSTEM BY EVALUATING AVAILABLE EXPERIMENT RESULTS. [1963] 13p. (figs. omitted).  
Order from SLA \$1.60

Trans. of Freib[erger] Forsch[ungshefte. Reihe] A.  
[Berghau] (West Germany) 1961, v. 222, p. 51-60.

DESCRIPTORS: \*Conveyors, \*Hydraulic systems,  
\*Pipelines, Design, \*Jet pumps, \*Centrifugal pumps,  
Economics.

The systems are described, which were designed by evaluating experimental results; and questions of economics are treated. Especially pointed out are the labor saving features, the substantial savings in manpower, and the factors, which increase the output.  
(Author)

Transport, TT, v. 10, no. 7

63-18025

I. Petras, J.

1247608

Office of Technical Services

THE FORMATION OF GREEK MAGNESITE DEPOSITS,  
BY W. E. PETRASCHECK.

GERMAN, PER, RADEX RUNDSCHAU, AUG 1961,  
PP 641-646.

BISI 2390

SCI - MIN/METALS

NOV 61

170,259



Physicochemical Aspects of the Conditioning 46  
of Hypnotic Preparations,  
by S. Petrucci, L. Balzac, et al. 50 pp.  
Ann. Inst. Chim. Univ. de Naples, Vol. XV,  
No. 2, 1964, pp. 91-100. 9657101  
[TD-11-04-1121]

Sci. Res.  
[unintelligible]

200.234

Study of Pulsed Laser Generation in Neon and in  
Mixtures of Neon and Helium, by G. G. Petrash,  
I. N. Knyazev, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLV,  
No 4, 1963, pp 833-839.

Amer Inst of Phys  
Sov Phys - JETP  
Vol XVIII, No 3

Sci

Apr 64

256,059

Consideration of Apparatus Distortions and  
the Characteristics of Infra-Red  
Spectrophotometers, by G. G. Petrash,,  
S. G. Rautian.

RUSSIAN, per, Inzhenero Fiz Zhur, . .  
Vol. I, No 7, 1958, pp 61-71.

OT/4225  
NRC TT02

Sci. - Phys

Sep 61

16 7, 473

On the Accuracy of Optical Density  
Measurements, by G. G. Petrash,  
S. G. Reutian,

RUSSIAN, per, Mater Vsesoinz Slov Spektrosk,  
No 1, 1957, pp 102-106.

OT/4227  
NRC TT 904

Sci - Phys

Sep 61

167, 474

(SS-1876)

The Mountain of Suleyman Mountain, by Yu. Petrash,

6 p.

MIRATOR, per, Mirator a Religiya, No 10, 1951,

pp 42-45.

JPRS 011797

USSR

Dec

Jan 62

178, 700

The Two-Dimensional Lamb Problem for an Infinite Elastic Layer Bounded by Parallel Planes, by G. Bistranov, 6 pp.

RUSSIAN, per, Dokl Akad Nauk SSSR, Vol LXIV, No 6, 1969, pp 783-786. 9549074

Amer Meteorol Soc T-R-407

Sci. Rep. Ser. 1-1  
1969

243, 486

Colorimetric Determination of Small Quantities  
of Hydrazobenzene, by M. Vecera,  
J. Reizmanik.

ZEM

CZACH, per, Chemické Listy, Vol XLVIII,  
1954, pp 1351-1353.

CSIRO

192, 712

Sci - Chem

Apr 62

Behavior of Pyrites and Organic Sulphur During  
Carbonisation of Coal and Coal Mixtures, by  
K. P. Malvadev, V. M. Petrapalskaya, 11 pp.

RUSSIAN, per, In Ak Bank 8888, Otdel Tekh  
Bank, No 8, 1955, pp 134-139.

Sci Mus Lib No 56/2452

Sci - Physics

42,853



New Physio-Pharmaco Logical Treatment of Cancer of  
the Prostate Gland, by O. Ferulano, F. Petrarola,  
14 pp.

ITALIAN, par, Minerva Medica, Vol LX, No 85, 2 1960,  
pp 3586-3591.

NIH 7-6-61.

Sci - Med  
lep 61

167, 965

Bitumen and Soil Gas in Alpine Salt Deposits, by  
W. Petrascheck, 4 pp.

GERMAN, pet., Berg u. Hüttenmann Monatsch., Vol. LXII,  
1947.

SLA 57-3057

Sci  
Aug 58

73408

Metamorphism of Coal and Its Influence on the  
Visible Constituents, by H. W. Petrascheck.

CHROMA, per, Mathematisches Naturwissenschaftliche  
Klasse I, No 7/8, 1956: pp 375-444, 1947.

Dept of Interior  
US Bur of Mines  
Central Experiment Station  
Pittsburgh, Pa. Tr 62

Sci - Chem

May 59

87,566

A Method for the Determination of Uranium and Thorium  
Using Nuclear Emulsions, by M. Petrascu, G. Gesliu.

HUMANIAN, paper P/1095, Proceedings of International  
Conference on Peaceful Uses of Atomic Energy Held  
at Geneva 8-20 Aug 1955, Vol VIII.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52,720

Some Physico-Chemical Properties of 'Alloys'  
of Titanium Boride and Nitride, by G. V.  
Samsonov, E. V. Petrash.

RUSSIAN, per, Metallovedenie i Obrabotka  
Metallor, Vol I, No 4, 1955, pp 19-24.

34,053

Brutcher Tr

No 3675

\$4.80

Scientific - Min/Metals

May 56 CTS/DEX

On the Accuracy of Optical Density Measurements, by  
G. G. Petrash, S. G. Reutyan, 9 pp.

RUSSIAN, per, Vses Sovetskaniya Spektroskopii  
No 10, Materialy, 1957, No 1, Molekulyarnaya  
Spektroskopiya, pp 102-106.

NRCC C-3435

Sci  
Jul 62

203,571

Vol 4, No 12

Accuracy of Measurements of Sharp Absorption  
Lines With Elimination of the Effect of the  
Slit Function, by S. G. Rautyan, G. G. Petrash,  
10 pp.

RUSSIAN, per, Vses Sovetskaniya Spektroskopi  
(No 10). Materialy 1957, No 1, Molekulyarnaya  
Spektroskopiya, pp 107-111.

NRCC C-3438

Sci  
Jul 62  
Vol 4, No 12

203,572

On the Choice of Scanning Rate, Optimum Time  
Constant and Slit Widths for Spectrometer  
Measurements, by G. G. Petrash, 4 p.

RUSSIAN, per, Optika i Spektro, Ak Nauk SSSR,  
1959, pp 792-797. Vol VI, No 6

Optical Soc of Amer  
III

Sol  
Jan 60

105/102



Petrash, G. G. and Rautyan, S. G.  
OPTIMUM CONDITIONS FOR MEASURING OPTICAL  
DENSITY WITH REDUCTION TO AN IDEAL INSTRU-  
MENT (Optimal'nyye Usloviya Izmereniya Opticheskoy  
Plotnosti pri Reduktsii k Ideal'nomu Priboru) tr. by  
G. Belkov, 1960, 19p. 10 refs. Technical trans. 903.  
Order from NRCC \$1.00 NRCC C-3437

Trans. of Inzhener[no]-Fiz[icheskiy] Zhur[nal] (USSR)  
1958, v. 1, no. 11, p. 80-91.

61-12623

- I. Infrared spectro-  
photometers--  
Applications
- I. Petrash, G. G.
- II. Rautyan, S. G.
- III. NRCC TT-903
- IV. NRCC C-3437
- V. National Research Council  
of Canada

Office of Technical Services

(Physics--Spectroscopy, TT, v. 5, no. 8)

Cooling Power of Quenching Oils, by L. V. Petrash.

RUSSIAN, per, Metal Term Odra Metallov, No 7,  
1959, pp 61-64.

HB 4660

Sci - Fuels

Apr 61

147, 475

On Some Interference Phenomena in Media Containing  
Thin Plane-Parallel Layers, III, by G. I. Petrashev  
V. A. Yemul'skiy, 20 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 11,  
1956, pp 2141-2157.

SLA 59-15365

Sci - Geophysics  
Nov 59

103,323

On Some Interference Phenomena in Media Containing  
Thin Plane Parallel Layers. I, by G. I. Petrashen,  
V. A. Enalskiy, 16 pp.

RUSSIAN, per, Iz Ak Nauk Ser Geofiz, No 9, 1956,  
pp 1009-1026.

SIA 59-10878

Sci - Geophysics

Sep 59

Vol 2, No 2

98,033

On Some Interference Phenomena in Media, (Containing  
Thin Plane-Parallel Layers. III., by G. I. Petrashen',  
V. A. Menal'skiy, 20 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 11,  
1956, pp 1241-1257.

SLA 59-15365

Sci  
Dec 59  
Vol 2, No 4

102,742

Certain Interference Phenomena in a Two-Layer  
Medium, by G. I. Petranian', 16 pp.  
RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Geofiz, No 10,  
Moscow, Oct 1957, pp 1219-1231.

US JPRS/NY-L-56

Sci - Geophysics

63,017

119  
 Aleksandr Dmitriyevich Alexandrov (On His  
 Fiftieth Birthday), by G. V. Vallerand,  
 G. I. Petrashev', 4 pp.  
 USSR, Col of Art, Vostok, Leningradskoye  
 Universiteta, Sovetskaya Mirovaia Istoriya, Moskva  
 1959, No 1, 1959, pp 7-9.  
 1959-1960-1961-1962-1963-1964-1965

G. I. Petrashev'

Sci-Pub. Gen  
 Feb 63

350, 195

On Some Interference Phenomena in Media Containing  
Thin Plane-Parallel Layers, II, by G. M. Petrashev',  
V. A. Yenal'skiy, 20 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10,  
1956, pp 1139-1144.

SIA 59-15261

Sci - Geophysics  
Nov 59

103,322



On Some Interference Phenomena in Media Consisting of Thin Plane-Parallel Layers. 1956, by G. M. Petrashen', V. A. Yemal'skiy, 20 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geom., No 20, 1956, pp 1129-1144.

SLA 59-15261

Sci  
Dec 59  
Vol 2, No 4

102,749

Calculation of the Optical Properties of Small-  
Radius Electronic Centers in Ionic Crystals,  
by I. V. Abarenkov, N. H. Kristofel', M. I.  
Petrashen, 3 pp.

RUSSIAN, per, *Optika i Spektro*, Vol X, No 4  
1961, pp 487-492.

OSA

Sci

Aug 61.

164, 2  
404

Approximate Wave Functions for Free Ions and Ions in  
a Crystal, by M. I. Petrashen', I. V. Abarenkov, N.  
N. Kristofal', pp 4 pp.

RUSSIAN, par, Optika i Spektroskopia, Vol IX, No 4,  
Oct 1960, pp 527-29.

Internatl. Phys Index  
Phys Express  
Vol III, No 4

Sci.

Mar 61

141, 7144

Incomplete Separation of Variables for Bivalent  
Atoms, by V. A. Fok, M. G. Veselov, M. I. Petrashen',  
23 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol X, 1940,  
pp 723-739.

AEC Tr 4010

118,749

Sci - Phys  
Jun 60

One-Electron Wave Functions of  $Tl^+$  in Certain  
Crystals, by M. I. Petrashen', T. L. Outman, 2 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,  
No 6, pp 668-670.

Columbia Tech

Sci - Phys

Jul 59

93, 226

Use of Fourier Analysis for the Interpretation of  
X-Ray Diagrams of Liquid and Viscous Materials,  
by H. I. Petrushin, E. A. Poray-Koshits, 15 pp.

RUSSIAN, per, Zhur Ekspet i Teoret Fiz, Vol XXI,  
No 8, 1951, pp 887-893.

Sci Mus Lib Tr 57/1296

Sci - Physics

Nov 57

54, 937

On the Stratigraphy of the Eocene Utesovian  
Zone of the Eastern Carpathians, by Ya. O.  
Kulchitskiy, M. I. Petrashevich and K. L.  
Khloponin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No  
1, 1957, pp 365-367.

Consultants Bureau

Sci - Geophys  
Sep 58

72,665

The Nature of the Diphenylcarbazide Reaction for Hexa-  
valent Chromium, by H.V. Kovalenko and V.I. ~~Butskanov~~  
Petrashen', 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 6,  
1963, pp 743-749.

CB

Sci

May 64

258,573



A Study of the Interaction of Molybdenum with 8-Mercaptoquinoline, by N.A. Agrinskaya, V.I. Petrashen', 5 pp.

RUSSIAN, per, Zhur Analiticheskoy Khim, Vol XVI, No 6, 1961, pp 701-705.

CB

Sci

Aug 62

213,390

Organosilicon Polymers in National Economy, by  
V. A. Andrianov, A. I. Petreshko, 15 pp.

K.  
RUSSIAN, per, Priroda, No 4, April 1959, pp 9-16.

ACSI H-5646

Sci - Chem

Mar 60

110,492

(NY-6503/51)

Elemental Organic Polymers, by K. A. Andrianov,  
Mikhail A. I. Petrashko, E. Z. Asnovich, 19 pp.

RUSSIAN, per, Priroda, Vol XLIV, No 9, 1960,  
pp 27-32.

JPRS 9830

Sci - Chem  
Aug 61

163,309

Synthetic Polymers in Mica-Based Electrical  
Insulation, by L. A. Epshtein, A. I. Petrasheva.  
USSR.

RESEARCH, par, Elektrichestvo, No 8, 1958,  
pp 21-23.

DS IR LLU (loan) M.629

Box - Chem; Electron  
Box 59

100,749

New Polymers of the Catalytic Polymerization of  
Organosiloxanes, by K.A. Andrianov, B.I. Dzhenchel'skiy,  
skaya, Ju. K. Petrashko.

RUSSIAN, per, Plasticheskiye Massy, No 3, 1960,  
pp 20-23. 9661814.

ATTN: MCL 729/1-2

Sci - Chem  
Jun 61

155556

Catalytic Polymerization of Polyphenyl- and Poly  
(dimethylphenyl) siloxanes, by K. Andryancov,  
S. Denchenko'shaya and Yu. Petrushko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 3,  
1958, pp 665-688.

Consultants Bureau

Sci - Chem

May 59

87, 371

Catalytic Polymerization of Polychlorophenyldimethyl-  
siloxanes, by K. Andryanov, S. Dzhenchel'skaya,  
Yu. Petrashko, 4 pp.

RUSSIAN, per: Zhur Prikl Khim, Vol XXXII, No 6, 1959,  
pp 1344-1347.

CB

Sci -  
Jul 60

121,018

11 711

Fr-1

PETRASHKU M., BESHLIU K.

Method of determining mass and energy of particles using  
nuclear emulsions. Part II.

Méthode de détermination de la masse et de l'énergie des  
particules à l'aide d'émulsions nucléaires. Ite Partie

Rev. Phys., Acad. Rep. Populare Romine, 2, 229-232 (1957)

CEA-tr-R 790 - French

E u r a t o m



1. - ... Reaction Fission of  $U^{238}$ , by A. K. Mikhail,  
M. G. Petrashevskii, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1, (1957)  
pp 66-68.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 1

Sci - Phys

97,082

THE USE OF RAILROADS AND RIVERS IN  
INTERNATIONAL COMBINED TRANSIT IN YUGOSLAVIA,  
BY D. PETRASINOVIC, 14 PP.

CROATIAN, PER, MEDJUNARODNI TRANSPORT, VOL VIII,  
NO 10, OCT 1962, PP 714-717.

JPRS 17138

EEUR - YUGOSLAVIA  
ECON.  
JAN 63

219,452

On the Angular Distribution of  $\pi$  Mesons in the  
( $\pi - \pi$ ) Decay, by M. P. Bogachev, A. C. Mikhul,  
M. G. Petrasku, V. M. Sidorov, 6 pp.

RUSSIAN, rpt, publ by Joint Institute for Nuclear  
Research USSR, 1957.

ARC NP-Tr 86

Sci - Physics  
Jun 58

65,981

6

(DC- 5663)

Irrigation Practices, by I. Petrasovitz, 12 pp.

ROMANIAN, per, Revista Internationala pentru  
Agricultura, Vol IV, No 6, Nov/Dec 1960,  
pp 60-68.

JPRS 10425

Econ - Hungary

Econ

Nov 61

173,992

Experimental Investigation of Droplet Vapourization  
Under Conditions of High Temperatures and Pressure.,  
by G. B. Petrazhitzkiy.  
RUSSIAN, per, Trudy Odess. Gos. Univ. Ser. Fiz. N.,  
Vol 250, No 7, 1960, pp 125-136.  
(NLI/6015.49 1964 (266))

Sci -  
Aug 67

G. B. Petrazhitzkiy

339,915

Further Research on the Circadian Rhythms  
of Chicken Embryos and Chicks, by  
T. Petren.

GOVERNMENT USE ONLY

SWEDISH, per, Acta Med Suppl, No 307,  
1955, pp 42-47.

NASA TT F-12,087

*T. Petren*

Sci-BQM  
Apr 60

379,499

Chlorophyll Changes In Tobacco leaves During Their  
Growth, by A. Petrenko.  
RUSSIAN, per. Venerovskiy nauchno-inst.  
Tobaka, Bransnagar. No 2, 1956, pp 17-23.  
(OSIRO/Id. 7766)

A. Petrenko

Sci  
Sep 67

339.997

100

Conversion of Graphs into Electrical Signals,  
by A. I. Retrenko, 187 pp.

Математическое моделирование графических изображений  
технических устройств. 1984, pp 1-214.

ИЗДАТЕЛЬСТВО

МЭИ-1-05-191

МЭИ-1-05-191

МЭИ-1-05-191

35,2

A. I. Retrenko



79

Principles in Constructing Multichannel  
Multisiers, by A. A. Petrenko, 16 pp.  
NBSHIN, 1981, Kuchinirovaniye Vychislitel'nyye  
Mashiny, Tret'ya Vsesoyuznaya Konferentsiya  
Sobremennyye Teorii i Metody Matematicheskogo  
Modelirovaniya, 1982. P10002167-V  
FTD-RI-64-344

Sci - Math Sci A.A. PETRENKO  
Feb 67 Elect 320,045

108

Function Generator of Graphical Data, by  
A. I. Petrenko, 16 pp.  
RUSSIAN, per, Kombinirannyye Vychislitel'nyye  
Mashiny, Trudy Vtory Vsesoyuznoy Konferentsii-  
Sobremennyye po Teorii i Metodam Matematicheskogo  
Modelirovaniya, 1962. P10005316/-v  
FTD-MC-3-344

Sci - Math Sci  
Feb 67

A. I. PETRENKO

320,016